## IN THE SPECIFICATION

Please replace the paragraph [0030] with the following rewritten paragraphs:

In further embodiments, the monitoring subsystem 210 is adapted to compute the recorded three-dimensional (3D) target position in system coordinates, the device coordinates of three tracking coils embedded in the guide, the device coordinates of the needle exit hole, the needle length and travel in device coordinates, and the real-time system coordinates of the three tracking coils in system coordinates. This information is desirably converted to a common coordinate system and combined to compare the 3D position of the target with the 3D position of the guide to offer advice on positioning the guide for a biopsy. In further embodiments, medical device monitoring subsystem 210 is responsive to either movement of the subject or movement of the medical device relative to a specified target region of interest within the subject. In one embodiment, the medical device subsystem 210 is adapted to respond to the movement with a predetermined response if the medical device position deviates by a specified distance from the target region of interest. For example, the monitoring subsystem 210 responds to motion of the medical device in pre-programmed fashion such as terminating therapy, acquiring new reference images, activating a device positioning subsystem to assist operator in repositioning device or alternatively activating advisory feedback.